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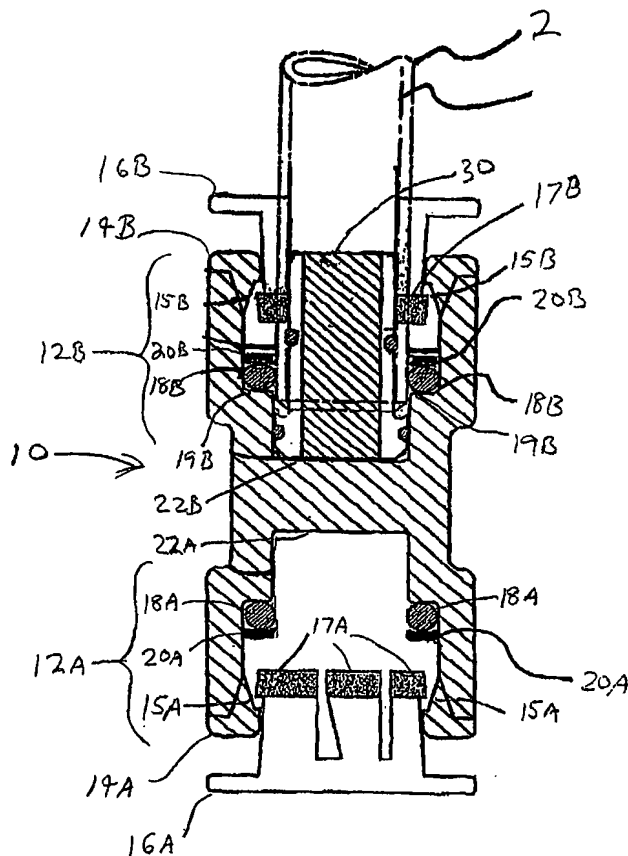
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(54) Title: STABILIZER-SEAL-INSERT FOR PUSH-IN TUBE COUPLINGS



(57) Abstract: A push-in type coupling system has a sleeve with a primary seal, and a pre-installed tube insert. The insert can be integrally formed as part of the coupling, or included as a separate piece in the coupling. The insert preferably has at least one secondary seal, which is advantageously disposed around the base of the insert and/or around the shaft of the insert. The base is preferably chamfered base to facilitate insertion of the insert into the coupling, and can advantageously have a shoulder that cooperates with a retaining ring of the coupling to impede accidental removal of the insert from the coupling.

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